

Curriculum Vitae Douglass Schumacher

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Education

University of Michigan, Ann Arbor, MI, Ph.D. Physics 1995.

University of Illinois, Champaign-Urbana, IL, BS Physics 1983.

Positions

9/02-present Associate Professor in the Department of Physics of The Ohio State University.

9/96-8/02 Assistant Professor in the Department of Physics of The Ohio State University.

11/94-8/96 Postdoctoral Fellow under Professor T.F. Gallagher at the University of Virginia, Charlottesville, VA.

9/90-10/94 Research Associate under Professor P.H. Bucksbaum at the University of Michigan, Ann Arbor, MI.

7/83-8/90 Member of Technical Staff-1, Physics Research Division, AT&T Bell Laboratories, Murray Hill, NJ. Promoted from Senior Technical Associate 8/89.

Honors and Societies

Research Partnership Program Fellowship (Horace Rackham School of Graduate Studies, University of Michigan), 1991-2.

American Physical Society, Optical Society of America

Papers In Refereed Journals

1. "Fast electron generation in cones with ultraintense laser pulses," L. Van Woerkom, K. U. Akli, T. Bartal, F. N. Beg, S. Chawla, C. D. Chen, E. Chowdhury, R. R. Freeman, D. Hey, M. H. Key, J. A. King, A. Link, T. Ma, A. J. MacKinnon, A. G. MacPhee, D. Offermann, V. Ovchinnikov, P. K. Patel, D. W. Schumacher, R. B. Stephens, and Y. Y. Tsui, *Physics of Plasmas* **15**, 056304 (2008).
2. "KHz Dye Laser For Use With Ultrafast Laser Systems," Douglass Schumacher, Owen Marshall, Joshua Holt, Michael L. Bajema, Robert van Leeuwen, Thomas F. Gallagher, *Applied Optics LP* **41**, 1722 (2002).
3. "A novel study of supercontinuum generation," Jennifer Tate and Douglass Schumacher, *Applied Physics B* **74**, S57 (2002).
4. "Controlling Continuum Generation," Douglass Schumacher, *Optics Letters* **27**, 451 (2002).
5. "Highly Perturbed States Of Barium In A Static Electric Field," Kenneth A. Bates, Jumpei Masae, Camelia Vaselescu, Douglass Schumacher, *Physical Review A* **64**, 033409 (2001).

Papers In Conference Proceedings And Bulletins

1. "Quantitative Spatial Information From K-Alpha And XUV Imagers In FI-Related Experiments With Cone Targets," V.M.Ovchinnikov, D.W. Schumacher, L. Van Woerkom, R.R.Freeman, HEDLA 2008, American Physical Society.
2. "Specular Reflection of Intense Laser Light Interacting with Solid Targets," A. Link, D. Offermann, V. Ovchinnikov, D. Schumacher, L. Van Woerkom, R. R. Freeman, H. Chen, D. Hey, I. Jovanovic, S. Le Pape, A. MacKinnon, A. MacPhee, P. Patel, Y. Ping, C. CHen, T. Bartel, S. Chawla, J. King, T. Ma, F. Beg, K. Akli, R. Stephens, Y. Tsui, HEDLA 2008, American Physical Society.
3. "Direct Measurement Of Intense Field Ionization Rates In Sapphire and Water During Short Pulse Laser Propagation," Georgia C. Modoran and Douglass Schumacher, CLEO/QELS 2007 Technical Digest.